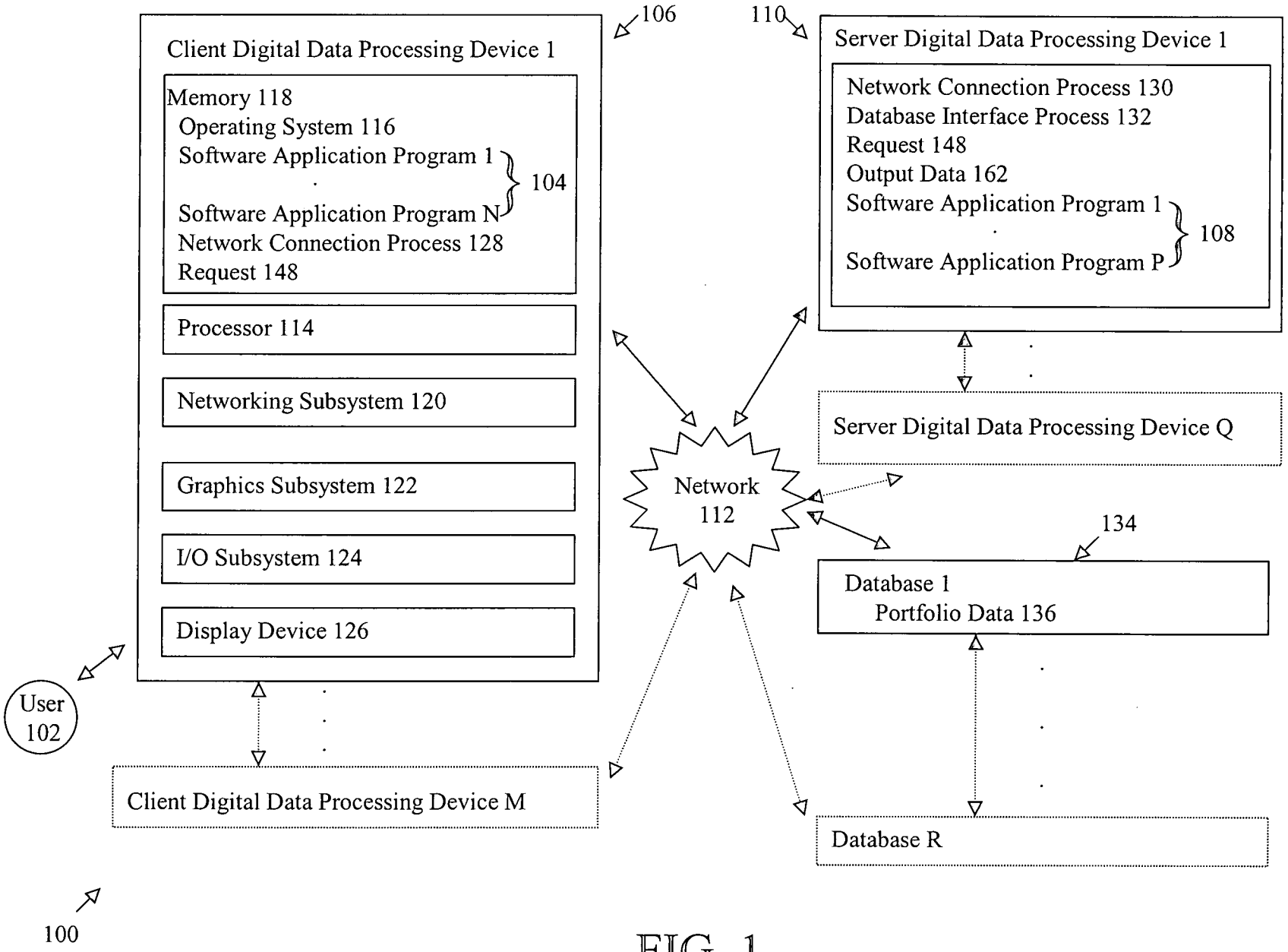
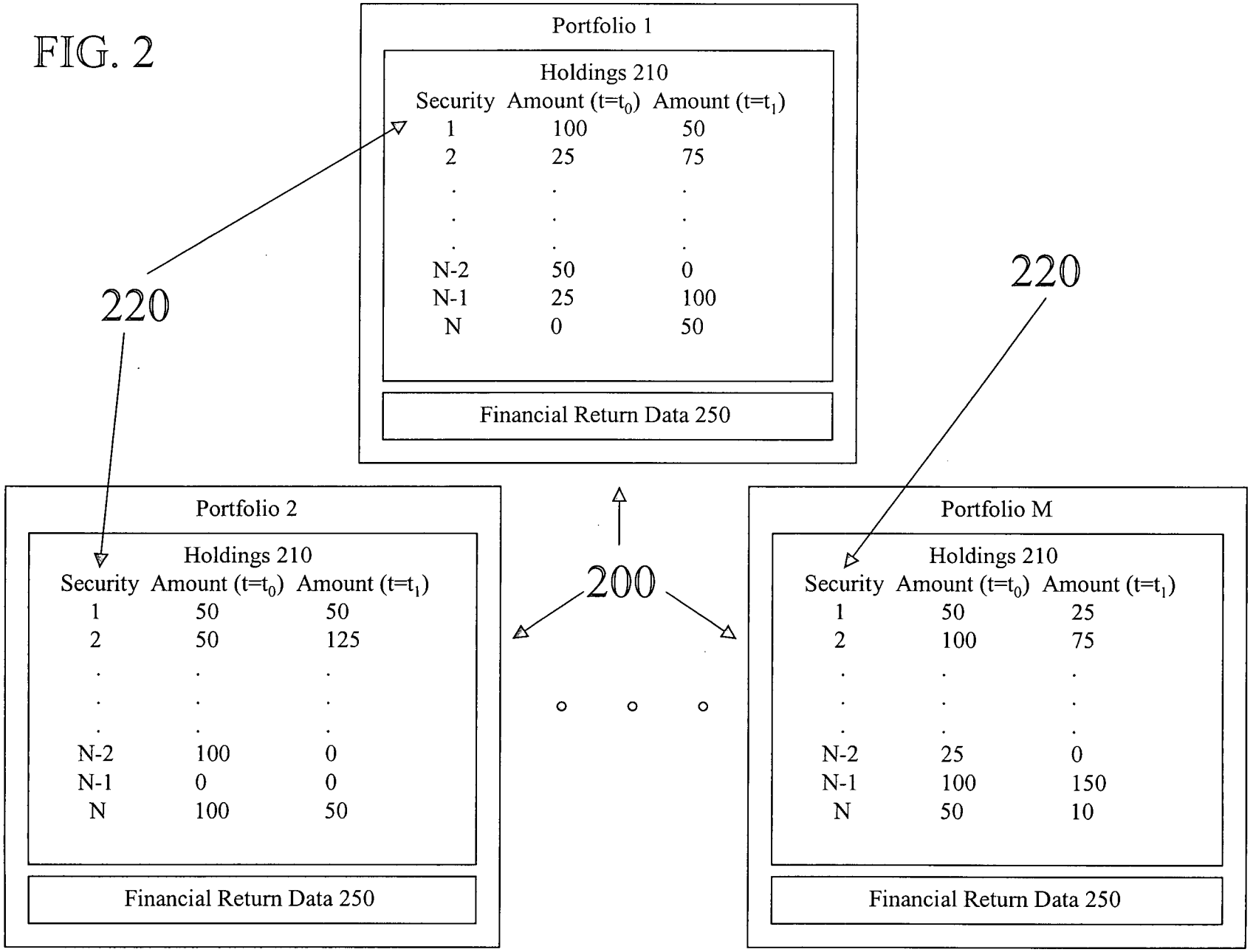


FIG. 1

Title: Systems and Methods for Computing Performance Parameters of Securities Portfolios
Filing Date: November 17, 2003
Serial No.: To Be Assigned
Inventor(s): Cohen et al.
Docket No.: HAE-001.01

FIG. 2



Title: Systems and Methods for Computing Performance Parameters of Securities Portfolios
Filing Date: November 17, 2003
Serial No.: To Be Assigned
Inventor(s): Cohen et al.
Docket No.: HAE-001.01

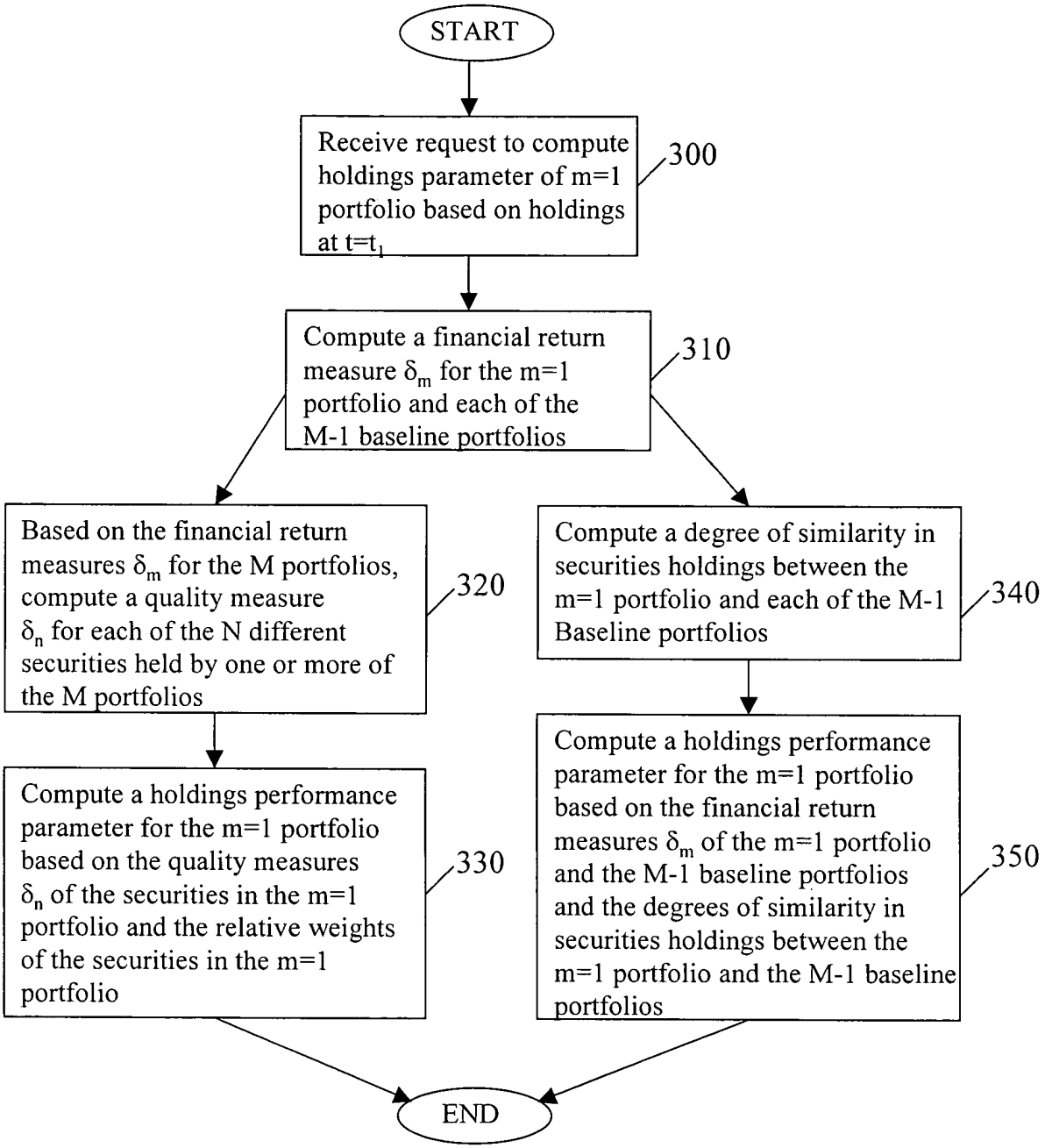

START
Receive request to compute holdings parameter of m=1 portfolio based on holdings at t=t1
300
Compute a financial return measure δm for the m=1 portfolio and each of the M-1 baseline portfolios
310
Based on the financial return measures δm for the M portfolios, compute a quality measure δn for each of the N different securities held by one or more of the M portfolios
320
Compute a holdings performance parameter for the m=1 portfolio based on the quality measures δn of the securities in the m=1 portfolio and the relative weights of the securities in the m=1 portfolio
330
Compute a degree of similarity in securities holdings between the m=1 portfolio and each of the M-1 Baseline portfolios
340
Compute a holdings performance parameter for the m=1 portfolio based on the financial return measures δm of the m=1 portfolio and the M-1 baseline portfolios and the degrees of similarity in securities holdings between the m=1 portfolio and the M-1 baseline portfolios
350
END

FIG. 3

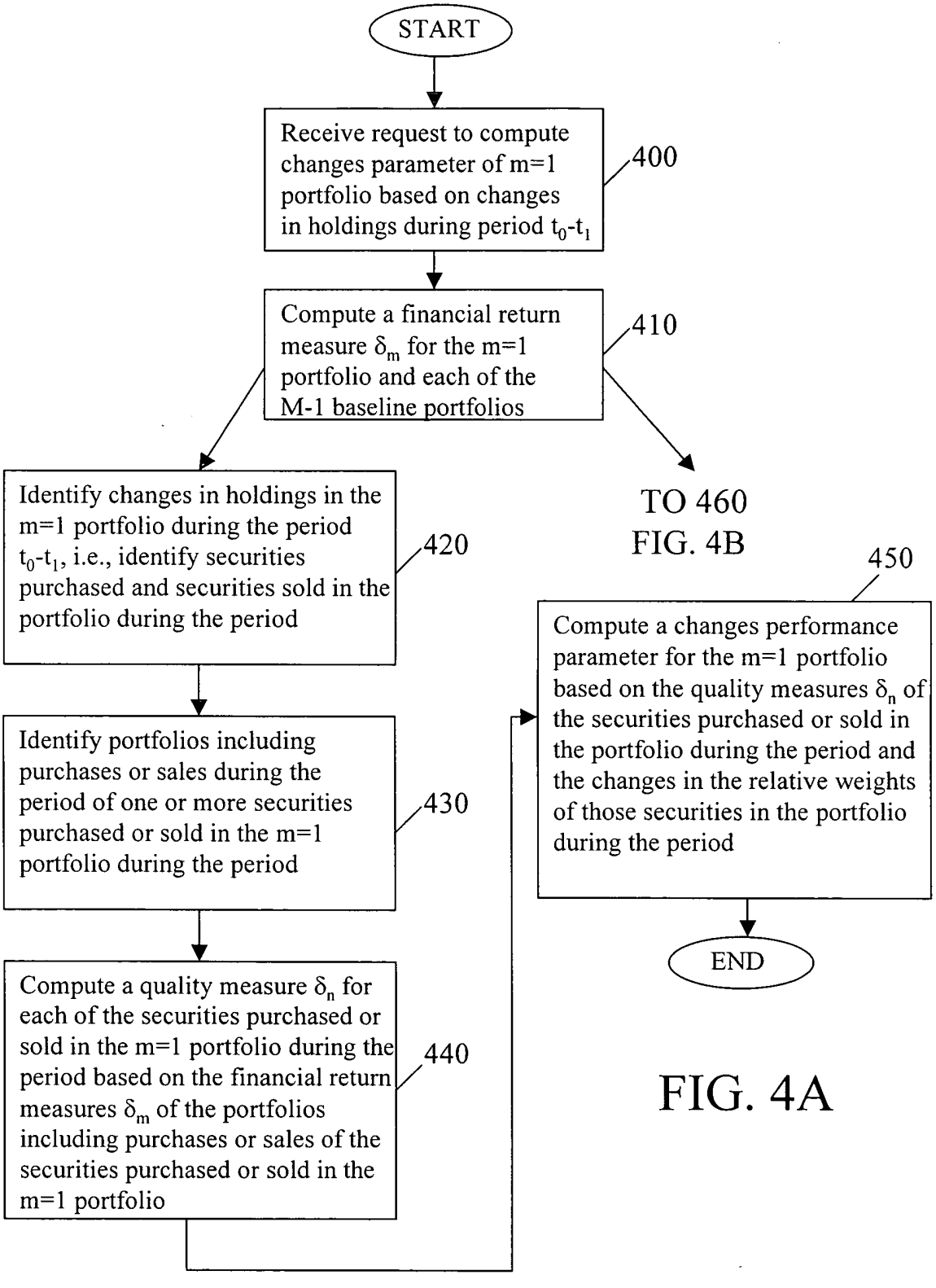

START
Receive request to compute changes parameter of m=1 portfolio based on changes in holdings during period t_0-t_1
400
Compute a financial return measure δ_m for the m=1 portfolio and each of the M-1 baseline portfolios
410
TO 460
FIG. 4B
Identify changes in holdings in the m=1 portfolio during the period t_0-t_1, i.e., identify securities purchased and securities sold in the portfolio during the period
420
Identify portfolios including purchases or sales during the period of one or more securities purchased or sold in the m=1 portfolio during the period
430
Compute a quality measure δ_n for each of the securities purchased or sold in the m=1 portfolio during the period based on the financial return measures δ_m of the portfolios including purchases or sales of the securities purchased or sold in the m=1 portfolio
440
450
Compute a changes performance parameter for the m=1 portfolio based on the quality measures δ_n of the securities purchased or sold in the portfolio during the period and the changes in the relative weights of those securities in the portfolio during the period
END

FIG. 4A

FROM 410

FIG. 4A

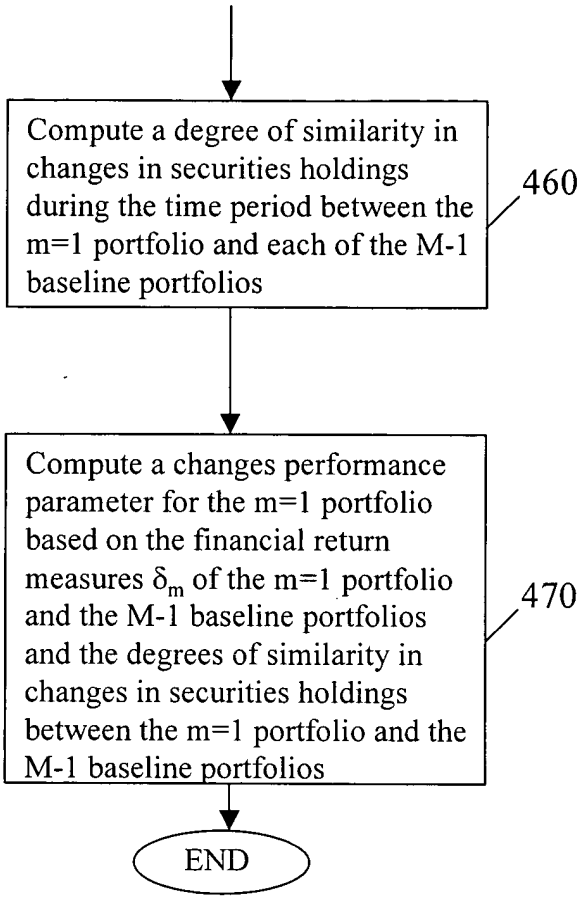


FIG. 4B